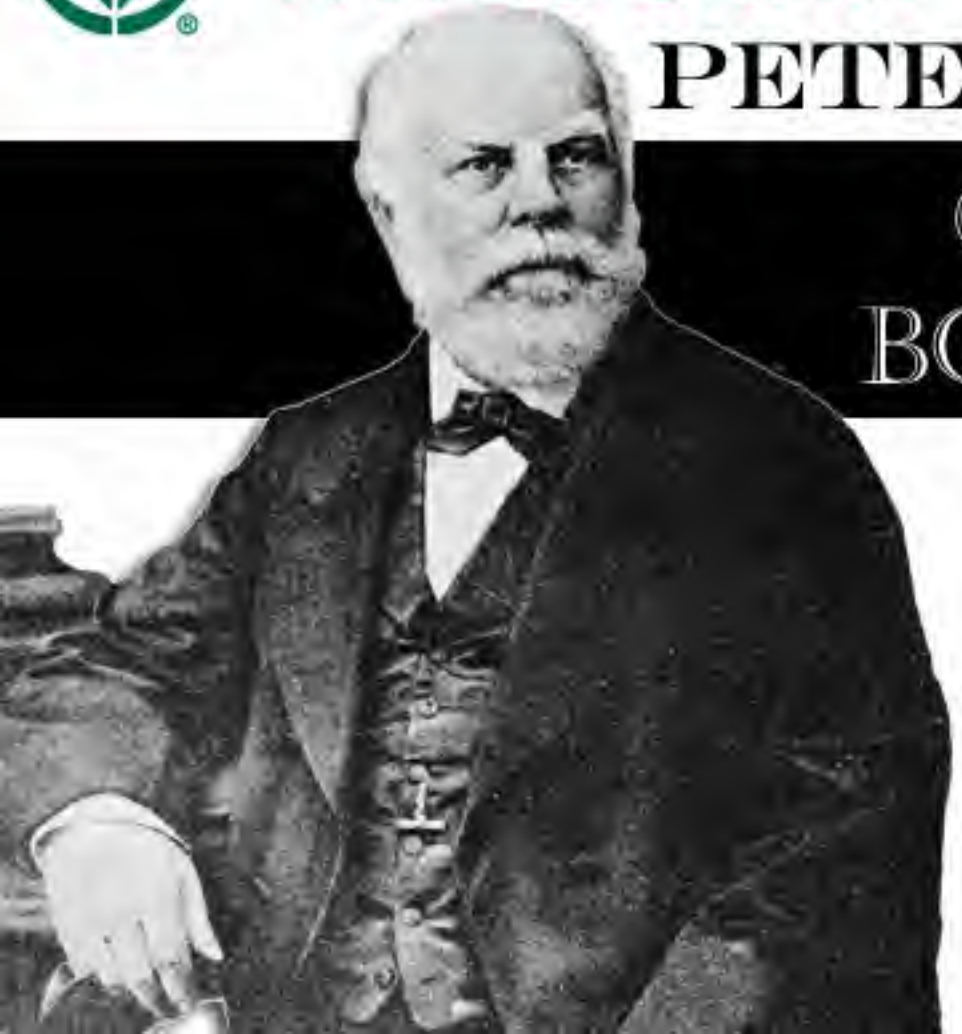
Missouri Botanical Garden
Peter H. Raven Library

George Engelmann Botanical Notebooks



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Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

as the first [illegible] periodical in the United States—indeed, if our memory is right, the first in its branch anywhere. The editorial staff consists of Drs. WINSLOW LEWIS, HORATIO R. STORER, and our friend GEORGE H. BIXBY, late of St. Louis, and well known to most of our city readers. The Journal starts under favorable auspices and will be a success, and, we trust, a credit to American medicine.

Materia Medica and Therapeutics. Toxicology.—Dr. SYDNEY RINGER'S Hand-book of Therapeutics, just issued by H. K. Lewis, London, is regarded by some of the British critics as the most successful attempt at reducing to a system and within a small compass the present state of therapeutical science. It is based, in spirit, plan and classification, on the small German work of BUCHHEIM, who first ventured to treat materia medica and therapeutics as an exact science.—"Researches into the Action of Mercury, Podophylline and Taraxacum on the Biliary Secretion," a report by the Edinburgh Committee of the British Medical Association, framed by Dr. HUGHES BENNETT, Chairman, has just been published by Edmondstone & Douglas, Edinburgh.

BANDLIN, *Die Gifte u. ihre Gegengifte* (Poisons and their Antidotes) vol. 1, 286 pp. 8vo., Basel.—Wood & Co., are preparing: BEARD and ROCKWELL, A Practical Compendium of Electricity and Electro-Therapeutics.

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seventh.

The *nouveautés* in Physiology are: LIÉGOIS, *Traité de physiologie appliquée à la médecine et à la chirurgie*, Vol 1, containing the Introduction, General Physiology, and the Reproductive Functions, Victor Masson et fils, Paris; and MOORE (Charles H.), On Going to Sleep, Hardwicke, London.

Medicine.—JAUMES, *Traité de pathologie et de thérapeutique générales*, 8vo., Masson, is a posthumous work edited by the author's son, and preceded by a biographical notice of the author by Prof. FONSSAGRIVES. The sixth and seventh volumes of GINTRAC, *Cours théorique et clinique de pathologie interne et de thérapie médicale* have been announced by G. Baillière. Renshaw, London, was to publish "early in June," the sixth revised edition of TANNER'S Practice of Medicine, in 2 vols., 8vo.

The following monographs on special subjects are advertised: CAMPAGNE, *Traité de la manie raisonnante*, Masson;—OLLIVIER, *Des atrophies musculaires*, Delahaye; SANNÉ, *Etude sur le croup après la trachéotomie*, 274 pp. 18mo., G. Baillière;—BLACHE, *Essai sur les maladies du cœur chez les enfants*, Asselin;—BAUDOT, *Traité des affections de la peau*, Savy; this treatise on skin diseases follows the teachings of M. BAZIN;—PURDON, On Neurotic Cutaneous Diseases, 119 pp. 8vo., Lewis, London;—SQUIRE (Balmanno), Colored Photographs of the Diseases of the Hair, Churchill, London.

Surgery.—We are promised a new American work on this branch, a "Complete Practical Textbook of Surgery," by Prof. HAMILTON, of New

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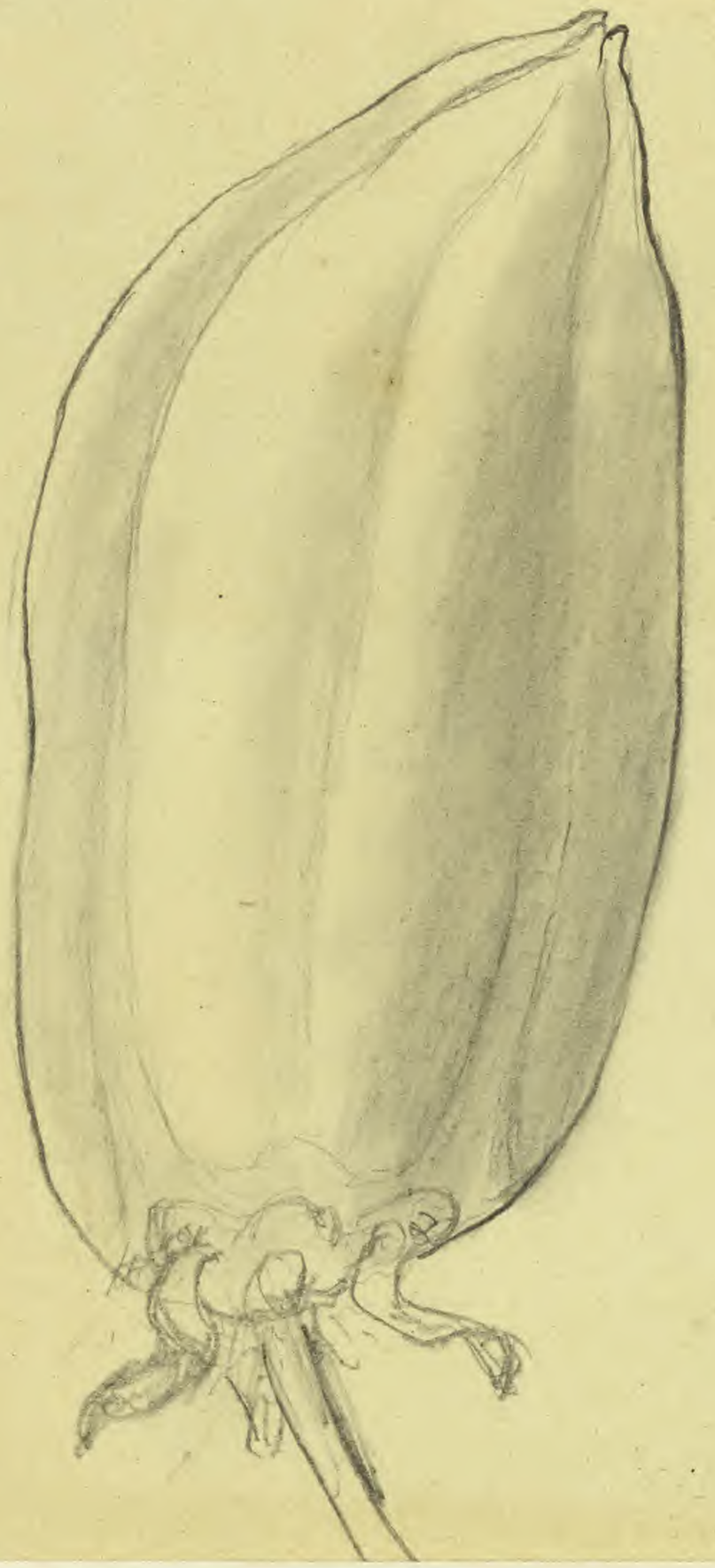

"Yucca intermediate Engl" April 15 1870
= Collection. 1870
= Y. brevifolia Eng., fide Palmer.

seed 1½ - 1¾ mm thick

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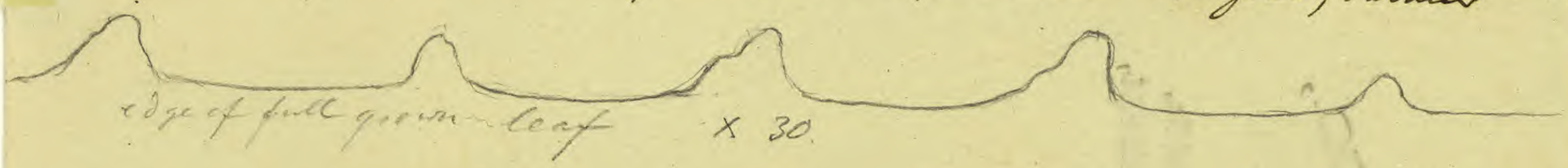
Yucca brevifolia April 15 1870

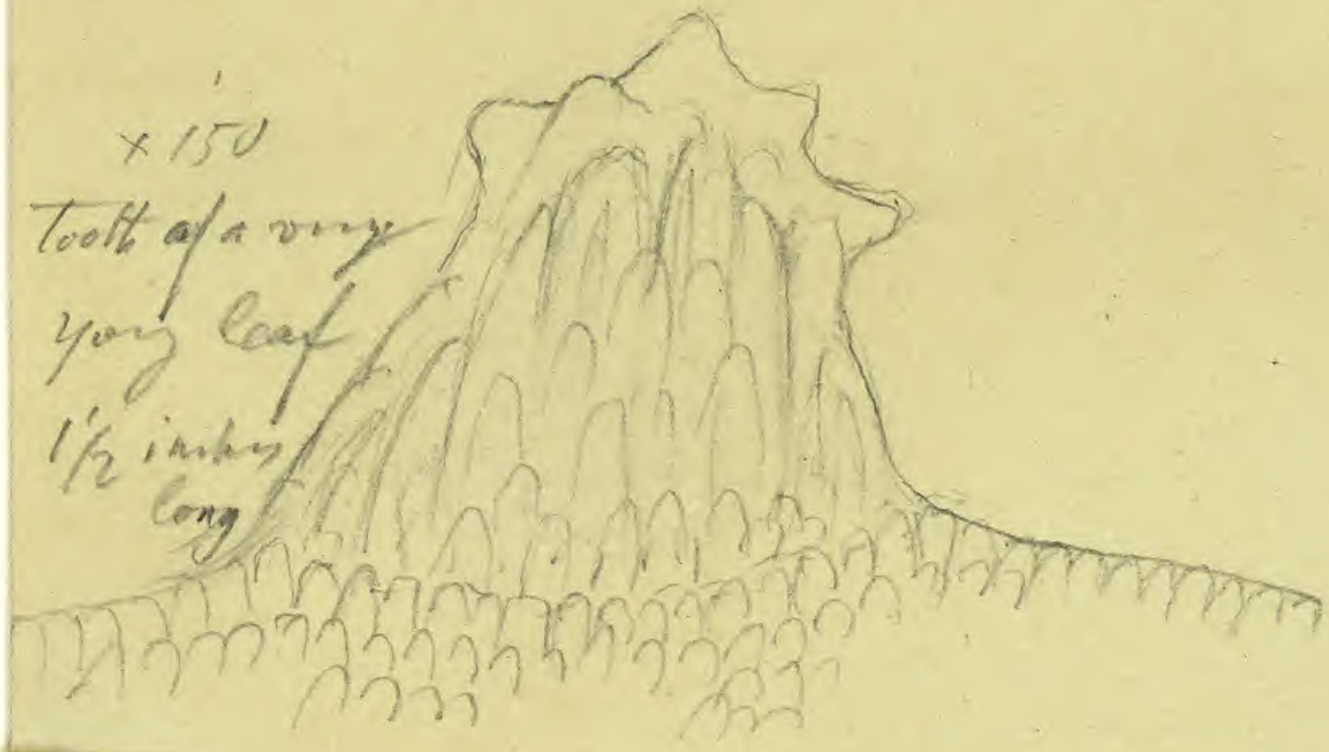
← towards point from the head of a branch Arizona, Palmer



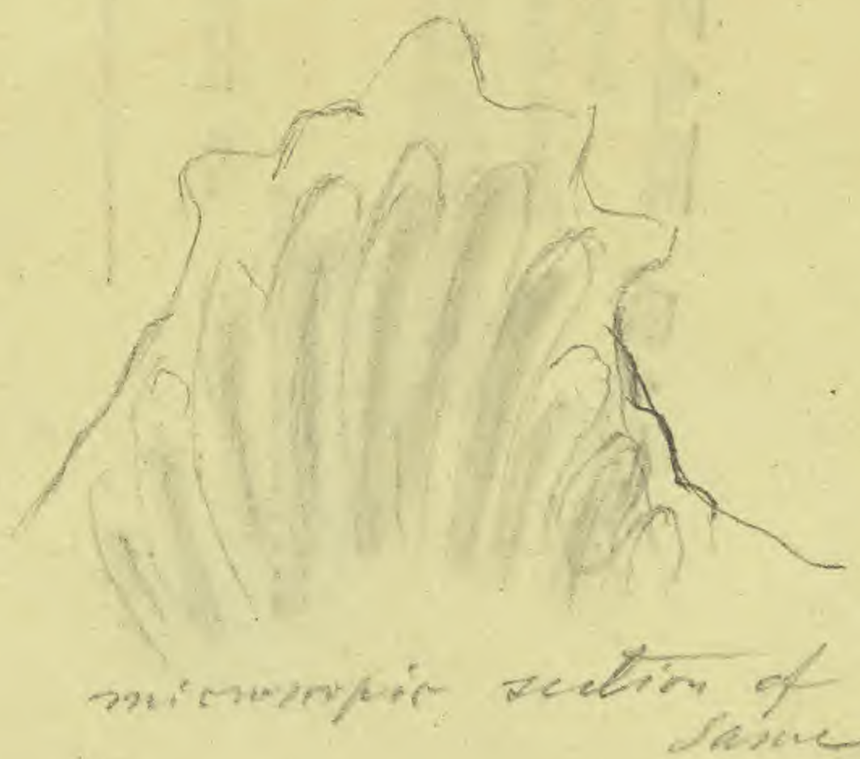
edge of full grown leaf × 30.

← towards point

× 30 edge of nearly full grown, but very young leaf



× 150
Tooth of a very young leaf 1/2 inch long



microscopic section of same

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Dr Brewer writes Dec 20th 1870

Yucca Brevifolia, poorly figured Pac R.R. Ex V. pate 11

I have measured one 19 inches diameter and estimated it 30 feet high. The branches are without leaves except 3-5 feet of the upper end of them erect or spreading, and half dead and strongly reflexed both parts distinctly separate so that the whole looks like a huge hourglass.

Below the leaves trunk and branches are covered with a sort of bark strongly resembling that of aged Cornus florida only the fissures deeper and the divisions larger

The species belongs to the desert only (not in the lower plains of the Colorado) about 2000-4000' above the sea

These plains are called Tahichipi or Palm Plains

8623

Dr Engelmann Dear Sir -

- Dr Johnson will meet

you to morrow morning at

10 o clock —

Yours Respectfully

Rebecca M Sic -

Mon - 4, 1871 -

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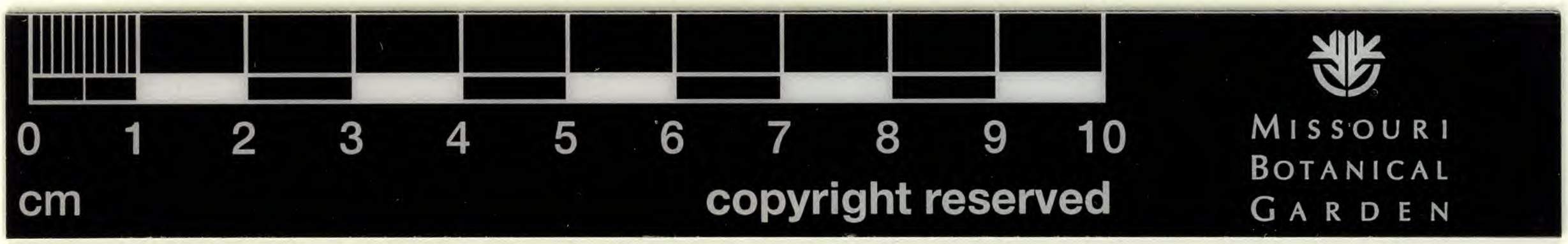
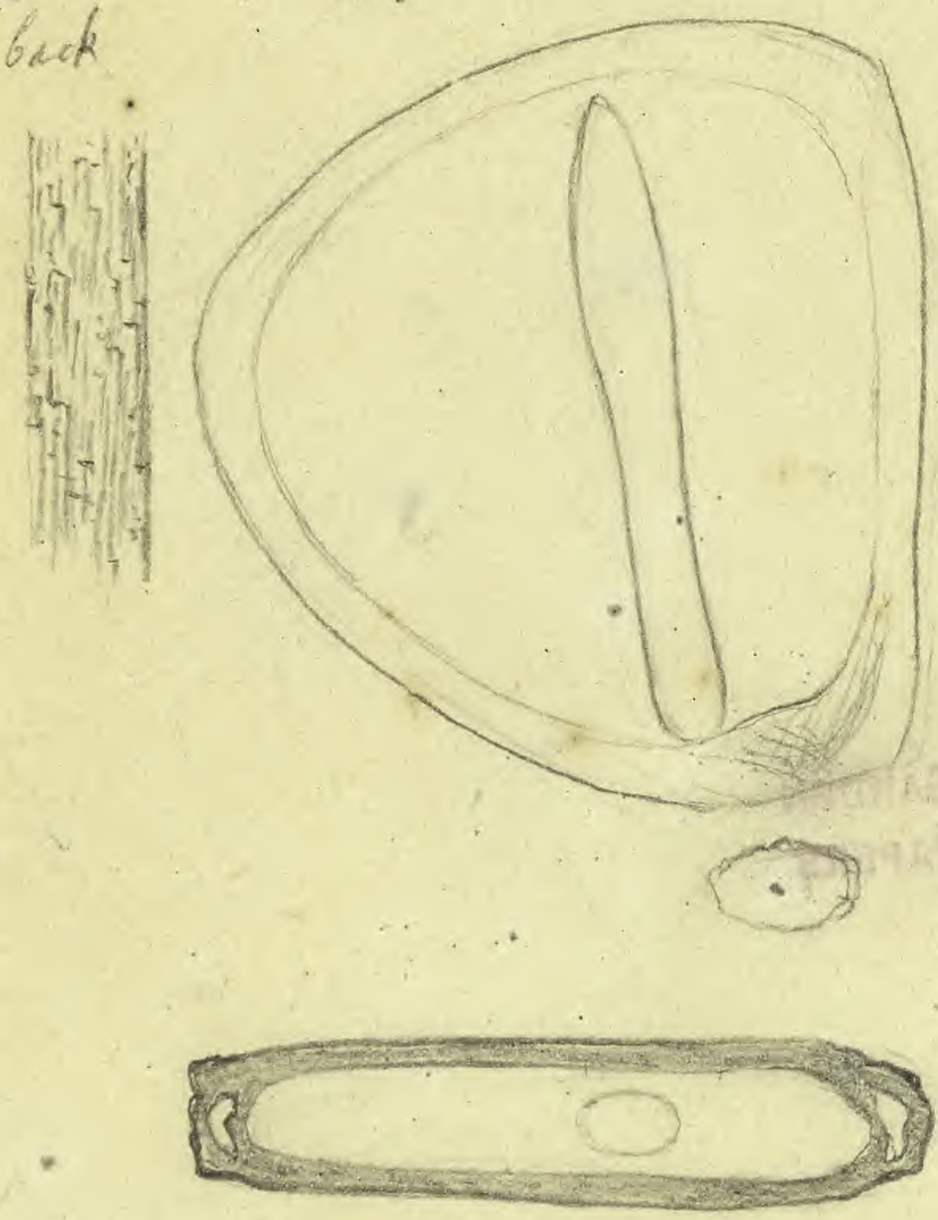


Yucca brevifolia, Jan 5 1871

Arizona, Palmer, 1869

x4

back



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GEORGE ENGELMANN HERBARIUM

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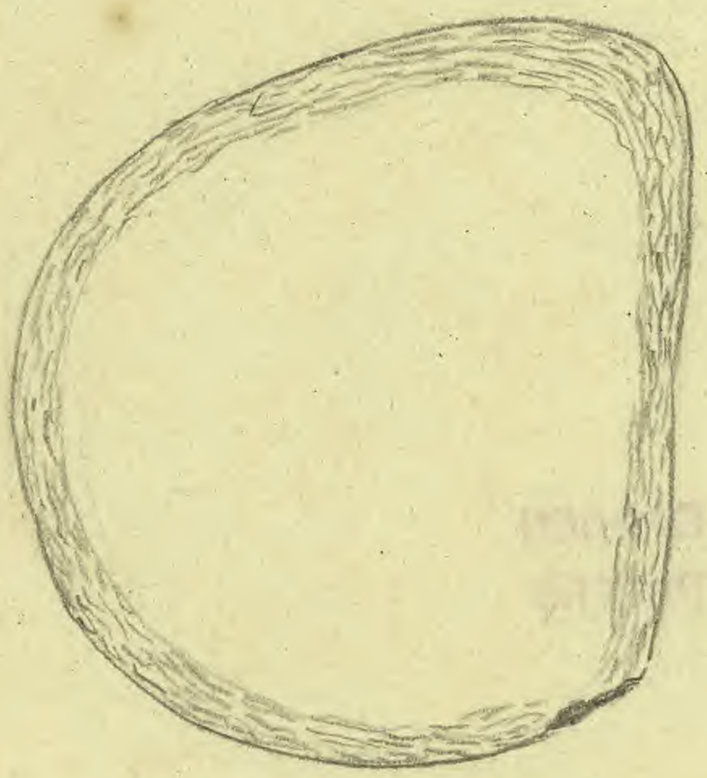
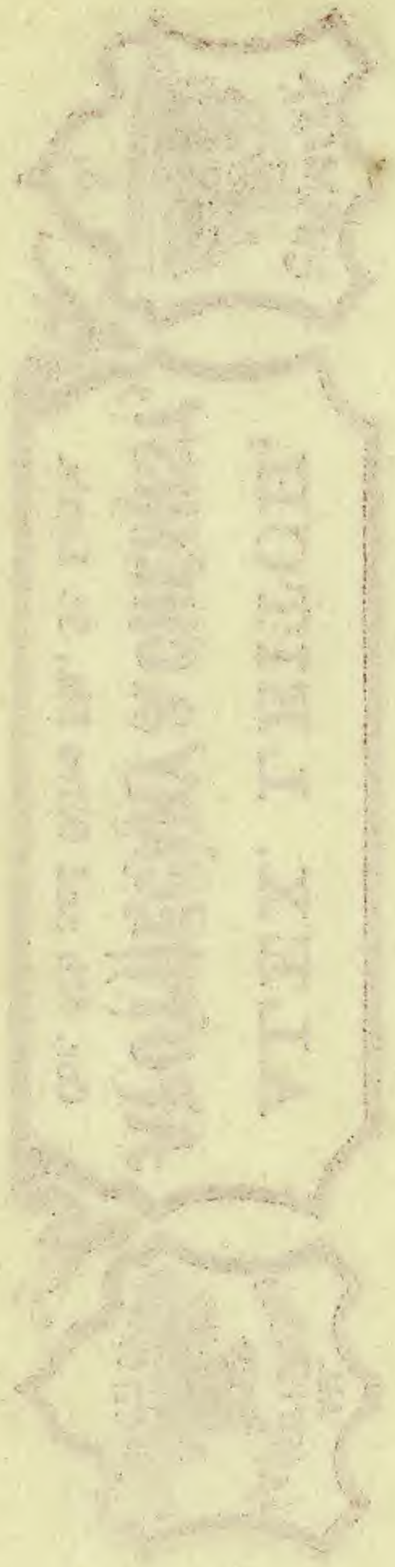
Sierra Guerrero Jan 6 1871

Insects, Colombia, & Bizlan.





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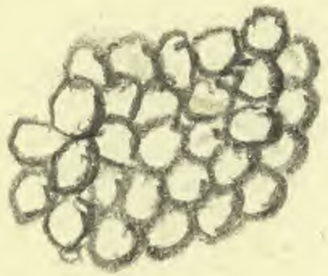
V. bracteata
Arizona Palmer 1869

May 11 1872

v 150



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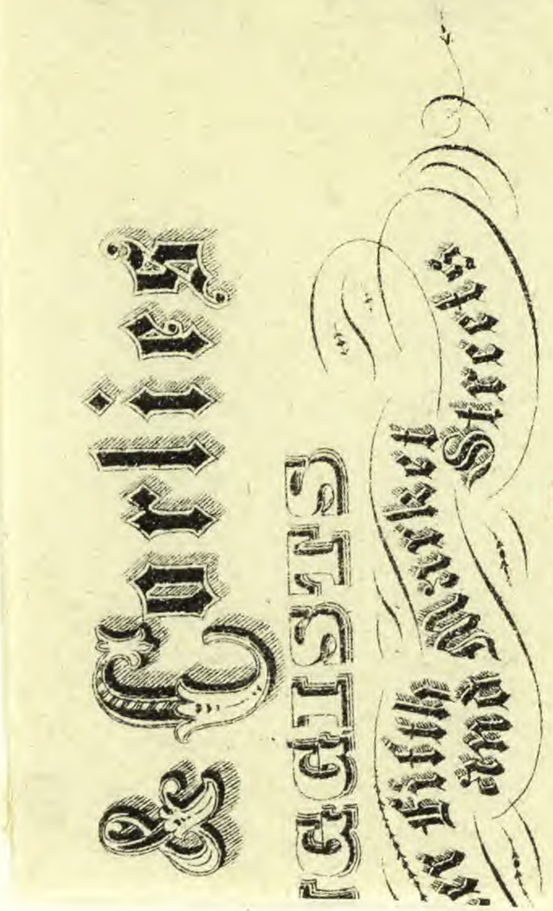

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Y. aurifolia

Johnson, Utah 1871

May 14 1872

×150

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Y. Brevifolia n. sp.

Yucca Draconis var arborescens. Torr. Bot Whipp. p. 147.
Fol rigidis ensiformibus (3½" : ½-½") serrulato scabris —
Stems branching 20 feet high, 1–2 feet thick. Form forests.
see figure in Whipp. Rep (Doc A. Rep. III.) pag 121 a large
and characteristic specimen. (Dr Bigelow) Imperfect fruit
in my Collection.

First specimen collected in Fremonts April 15 1844, (see his
Report pag 256.) — two leaves are preserved in Herb Torr.
10-10½ inch long ⅓ inch wide, base broad, over 2
inches wide — not narrowed above base

Leaves coll. by Dr Bigelow on the Mohave, March 15 1854
in Herb Torr. are only 4–5 inches long, with 1 inch wide base

Prof Wm H Brewer writes Dec 20 1870

The highest sp seen by me was estimated at 30 feet
and measured 19 inches diameter. I found it on a desert
plateau, 2000 feet high (said not to grow lower down
on the Colorado) — called by the natives the palm plain
by the Americans Tah'chipi desert. Also saw Walkers
Pass 4000 ft alt. and higher.

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Yucca brevifolia 40 miles south of St George, Utah
grows over an area of about 20 miles only, up to 15 feet
high — much branched — Peduncle about 8 inches long; cov-
ered with small white flowers, and later with a thick
cluster of pods of shape and size of a hen's egg — fl in
early spring (?) pods rarely found, dry

J. E. Johnson, Aug 1870 - Cliff

Grows at
~~Kaibab~~ forests, S Pahvant.

8629

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